

REMARKS

This Amendment responds to the Office Action dated November 18, 2004.

Disposition of Claims

Claims 1-13 and 16-18 are allowed.

Claims 14 and 15 were rejected.

Objection to Drawings

The drawings of the application were objected to under Rule 1.83(a) because the drawings must show every feature of the invention specified in the claims. The control system for sequential injection of the nitrous oxide and fuel was required to be shown or must be cancelled from the claims. Accordingly, claims 2 and 6 have been cancelled. The drawings of the application should no longer require correction or addition.

Substitute Drawings

Applicant is submitting substitute drawings for entry in the application. The substitute drawings add missing numbers and correct a number, and are not believed to introduce any new matter.

Additional Prior Art

Applicant is submitting additional prior art for consideration by the Office.

Three photographs are submitted that show prior art fuel injection systems for an air conduit of a vehicle. Photographs 1 and 2 show an air conduit that was cut in halves, a cylindrical extension inserted between the halves, collars placed about the halves of the conduit to hold the conduit halves against the cylindrical extension, and fuel/nitrous injector nozzles mounted to the cylindrical extension.

Photograph 3 shows a fuel/nitrous injection nozzle mounted to the intake elbow of an engine.

The catalog page shows a kit for installing a fuel/nitrous nozzle in an air intake tract.

Claim Rejections 35 U.S.C. § 102

Claims 14 and 15 were rejected under § 102(b) as being anticipated by Dahlgren (5,269,275). These claims have been cancelled.

Claim Rejections – 35 U.S.C. 103

Claim 15 was rejected under § 103(a) as being unpatentable with Dahlgren as applied to claim 14, and further in view of Gillbrand, et al. (5,495,841). These claims have been cancelled.

New Claims

New claim 19 emphasizes the injection assembly including an injector nozzle positioned along the length of the conduit up stream of the engine, the conduit having a side wall with an opening through the side wall, with the support member mounted inside the conduit and the connector extending from the support member through the opening, the fastener mounted to the connector outside the conduit and bearing against the conduit and holding the support member to said the conduit. This is not disclosed in the references of record.

The claimed invention allows for convenient and non-technical modification of the air conduit of adding the nozzle to the air intake conduit. The conduit does not have to be damaged by cutting it in halves, but stays in its original configuration by forming small openings through it at a convenient position and inserting the support platform inside and extending the connector conduit through the opening. The claimed invention can be used on air intake conduits of any

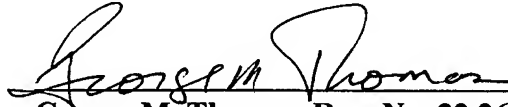
size since it is not circular and does not have to extend entirely about the inner perimeter of the conduit.

Allowable Subject Matter

Applicant gratefully acknowledges the allowance of claims 1-13 and 16-18. These claims have been amended as appropriate so as to avoid objection to the drawing of the application.

Applicant submits that this application is now in condition for allowance and appropriate action is courteously solicited.

Respectfully submitted,

 4/8/05
George M. Thomas, Reg. No. 22,260

**THOMAS, KAYDEN,
HORSTEMEYER & RISLEY, L.L.P.**
Suite 1750
100 Galleria Parkway N.W.
Atlanta, Georgia 30339
(770) 933-9500

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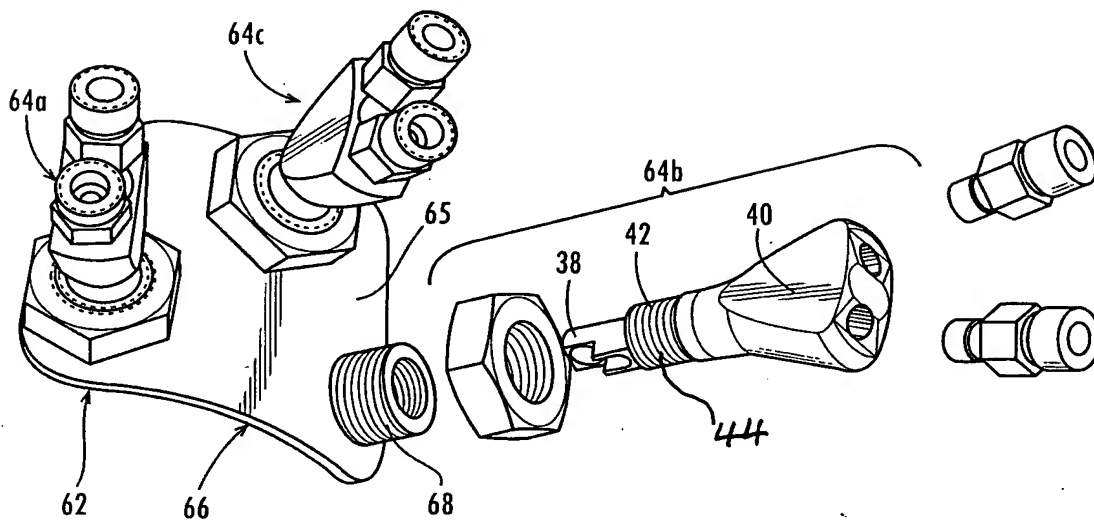


Fig. 3

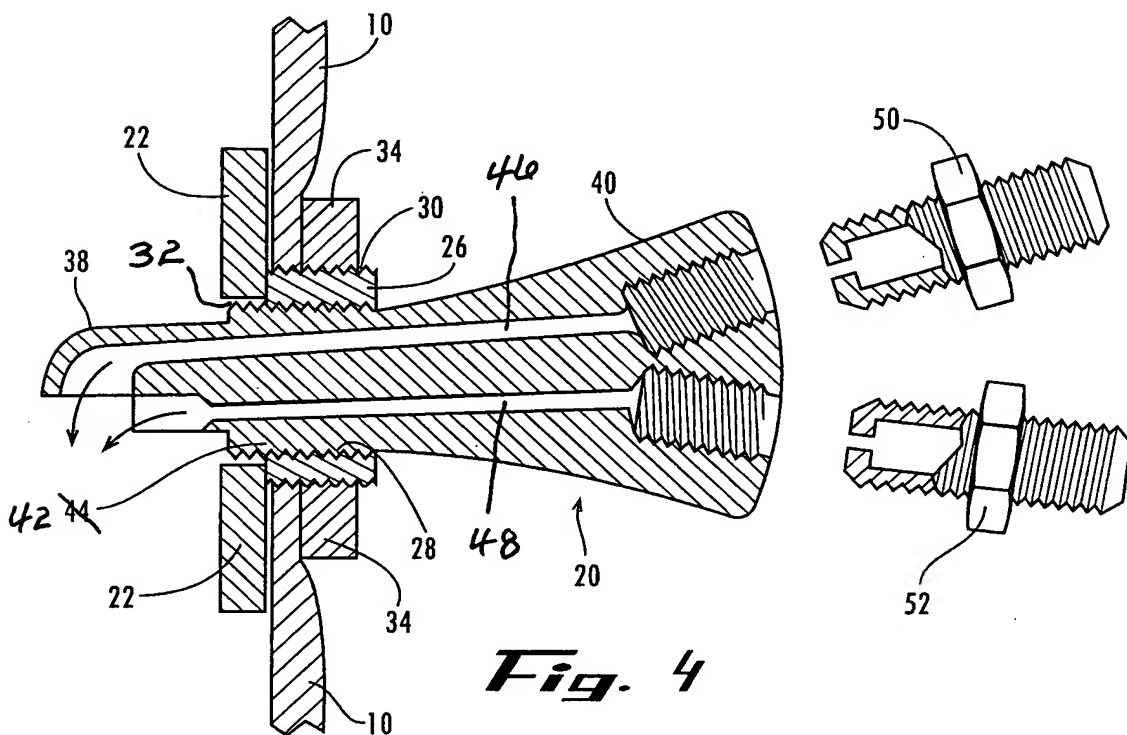


Fig. 4

PROPOSED DRAWING CHANGE